INTERNATIONAL SEARCH REPORT

International Application No PCT/EP 03/14471

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B26B21/40 B26B21/14 B29C45/14 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 B26B B29C Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Category * Relevant to claim No. US 2003/208907 A1 (CHENVAINU ALEXANDER T 1 ET AL) 13 November 2003 (2003-11-13) paragraph '0035! - paragraph '0044!; figures 1-5 paragraph '0045! - paragraph '0060!; figures 9-14 US 4 502 217 A (SCHAECHTER FRIEDRICH) A 7-10 5 March 1985 (1985-03-05) column 1, line 26 -column 2, line 31; figures 1-3 column 5, line 9 - line 15 claims 2,4,6,7FR 2 805 197 A (BIC SOC) A 24 August 2001 (2001-08-24) page 9, line 6 - line 25; figures 1-9 Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: *T* later document published after the international filing date or priority date and not in conflict with the application but "A" document defining the general state of the art which is not cited to understand the principle or theory underlying the considered to be of particular relevance invention "E" earlier document but published on or after the international *X* document of particular relevance; the claimed invention filing date cannot be considered novel or cannot be considered to "L" document which may throw doubts on priority claim(s) or involve an inventive step when the document is taken alone which is cited to establish the publication date of another "Y" document of particular relevance; the claimed invention citation or other special reason (as specified) cannot be considered to involve an inventive step when the "O" document referring to an oral disclosure, use, exhibition or document is combined with one or more other such docuother means ments, such combination being obvious to a person skilled in the art. document published prior to the international filing date but later than the priority date claimed *&* document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 15 July 2004 28/07/2004 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Maier, M Fax: (+31-70) 340-3016

INTERNATIONAL SEARCH REPORT

International Application No PCT /EP 03/14471

		PCI /EP 03/144/1
	Citation of document, with indication, where appropriate, of the relevant appearan	Dolovost to alain No
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 333 382 A (BUCHBINDER LIGAYA H) 2 August 1994 (1994-08-02) column 4, line 42 -column 6, line 17; figures 1-8	7,11
4	US 5 067 238 A (MILLER GARY R ET AL) 26 November 1991 (1991-11-26) column 2, line 30 -column 4, line 10; figures 1-9	7
	US 4 335 508 A (FRANCIS JOHN F ET AL) 22 June 1982 (1982-06-22) column 2, line 30 -column 4, line 32; figures 1-7	
The state of the s		
	·	
e e e e e e e e e e e e e e e e e e e		
Parameter - Lawrence		
	•	
	•	

INTERNATIONAL SEARCH REPORT

information on patent family members

PCT /EP 03/14471

Patent document cited in search report			Publication date		Patent family member(s)	Publication date
US	2003208907	A1	13-11-2003	WO	03095159 A1	20-11-2003
US	4502217	A	05-03-1985	AT	387744 B	10-03-1989
				AT	194680 A	15-08-1988
				WO	8102864 A1	15-10-1981
				DE	3141810 C1	18-04-1991
				DE	3141810 D2	19-05-1982
				EP	0049262 A1	14-04-1982
				GB	2085343 A ,B	28-04-1982
				JP	4070040 B	09-11-1992
				JP	57500415 T	11-03-1982
FR	2805197	А	24-08-2001	FR	2805197 A1	24-08-2001
US	5333382	Α	02-08-1994	NONE		
US	5067238	A	26-11-1991	AU	8768391 A	28-04-1992
				CN	1060242 A	15-04-1992
				DE	69124523 D1	13-03-1997
				DE	69124523 T2	10-07-1997
				EP	0550676 A1	14-07-1993
				MX	9101300 A1	04-05-1992
				TR -	26207 A	15-02-1995
				WO	9205923 A1	16-04-1992
US	4335508	А	22-06-1982	BR	8003234 A	30-12-1980
				CA	1140321 A1	01-02-1983
				DE	3019399 A1	23-04-1981
				FR	2457155 A1	19-12-1980
•				GB	2056354 A ,B	18-03-1981
				JP	1477963 C	27-01-1989
				JP	56027290 A	17-03-1981
				JP .	63027034 B	01-06-1988
				US	4443940 A	24-04-1984